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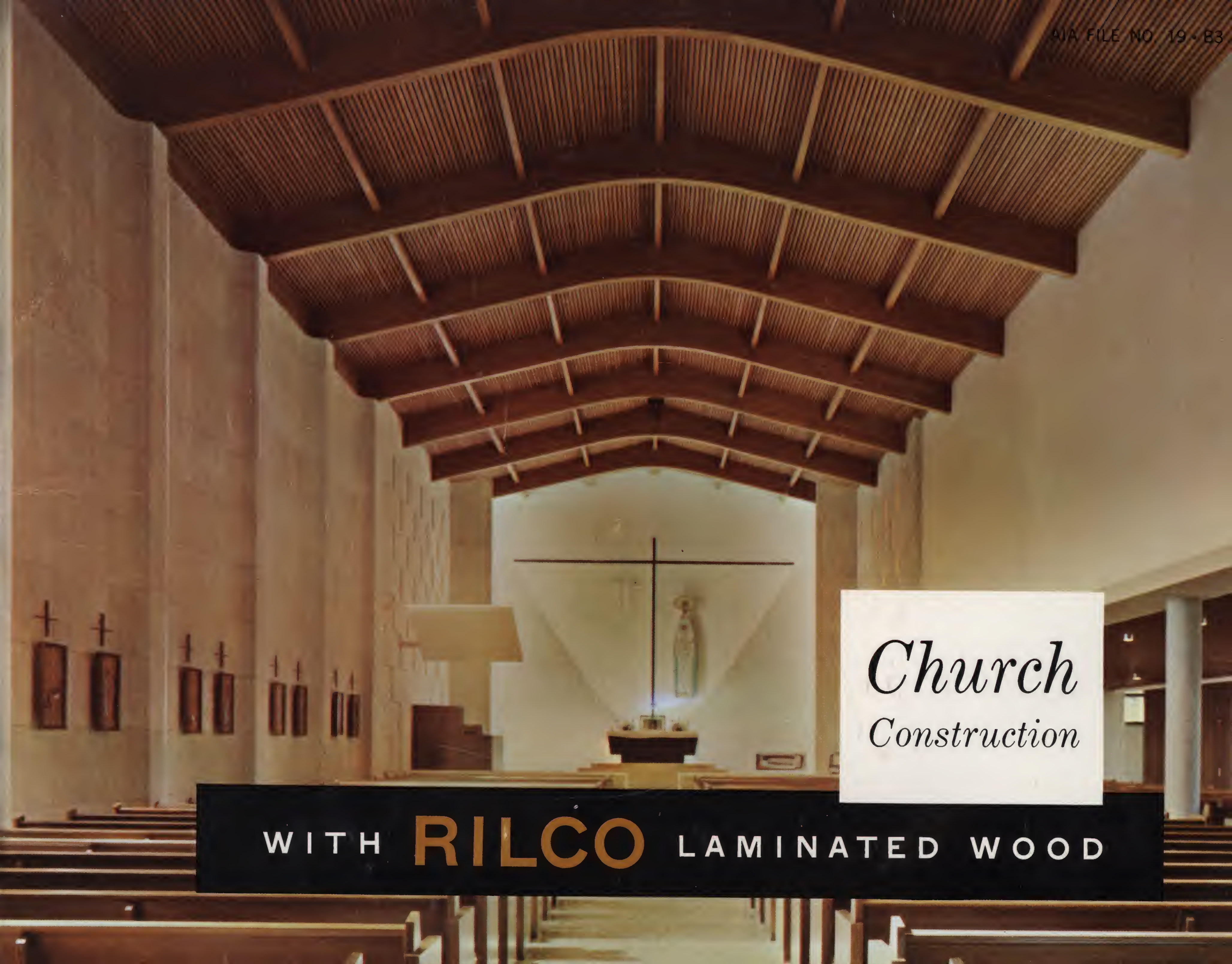
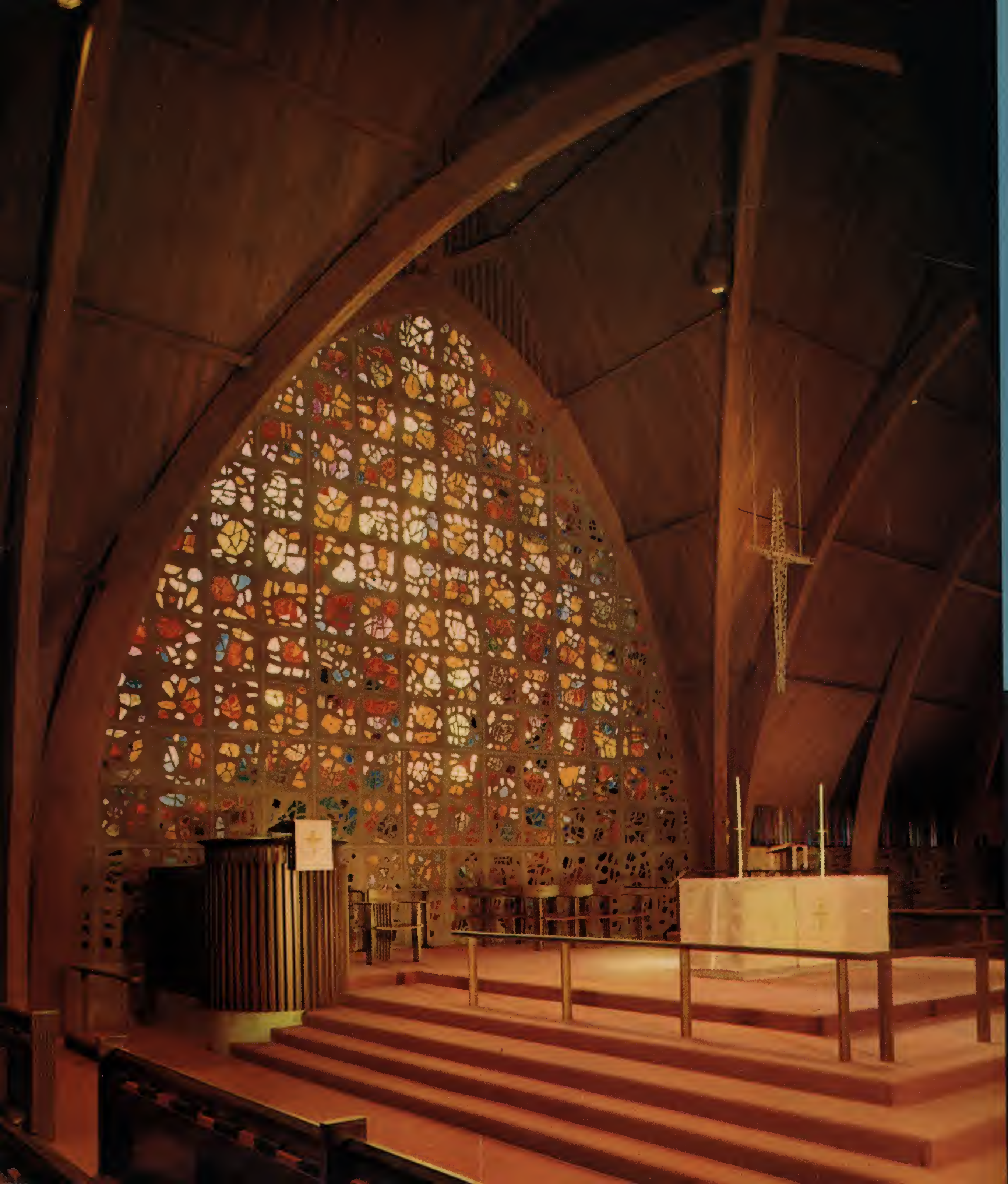


Church Construction

WITH RILCO LAMINATED WOOD



Impressive Beauty

IS INEXPENSIVE WITH RILCO GLUED LAMINATED WOOD ARCHES AND BEAMS

LEFT
Rilco arches establish a feeling of solemn reverence coupled with warm beauty in the Church of the Redeemer, Baltimore, Maryland. Architect: Pietro Belluschi, F.A.I.A., Cambridge, Massachusetts; Associate Architects: Rogers, Taliaferro and Lamb, A.I.A., Baltimore.

COVER PHOTOGRAPH
In St. Mary's Catholic Church, Sioux Falls, South Dakota, Rilco pitched beams provide an unobstructed view, even from furthermost pews. Architect: Harold T. Spitznagel, F.A.I.A., Sioux Falls.

Copyright 1961, Weyerhaeuser Company

DESCRIPTION . . . Rilco arches, beams and trusses are laminated from kiln-dried West Coast Douglas Fir, bonded with structural glues stronger than the wood itself. Modern Rilco production facilities combine with reliable engineering to produce from wood, the oldest building material known to man, a modern structural product of strength and beauty. Rilco roof supports are engineered and custom manufactured to meet your requirements.

APPEARANCE . . . Because wood combines beauty with religious symbolism, warm friendliness with aspiration, it has always been a preferred church material. Now wood . . . made stronger, more adaptable by Rilco . . . offers exciting design possibilities along with wood's traditional appearance and economy. Rilco structural members may be left natural, stained, blonded or painted. They eliminate the expense of hiding framing, adding false ceilings, encasing members, or other concealment. No other material compares in architectural and decorative possibilities.

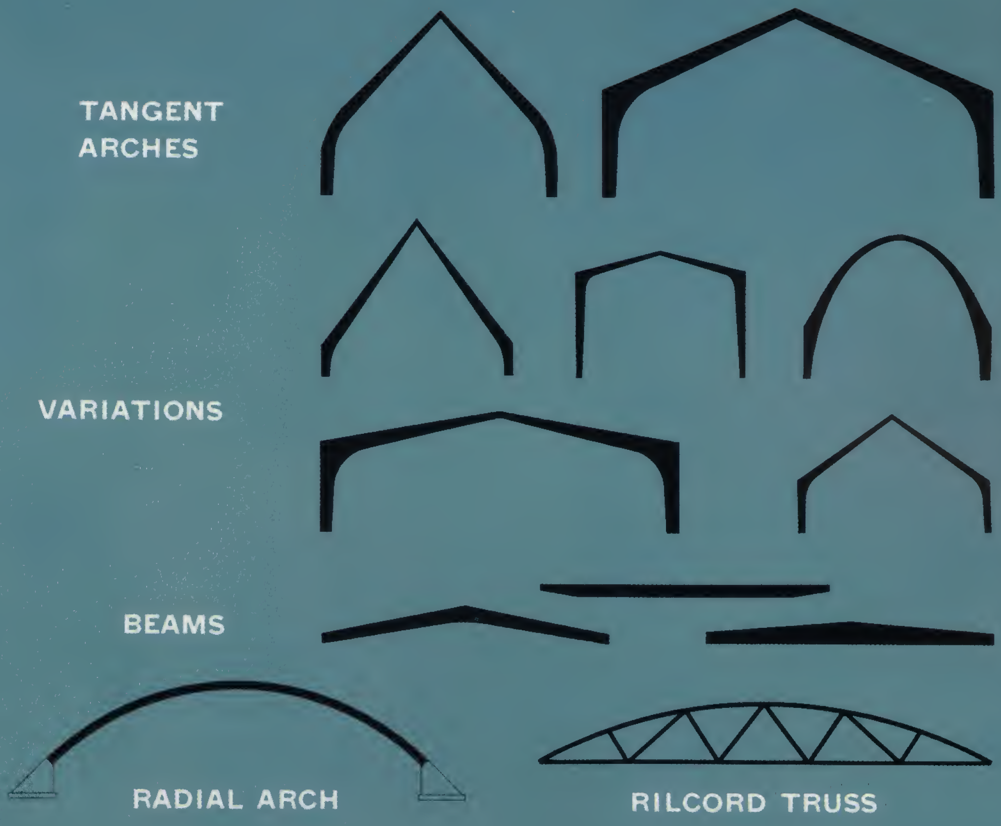
ARCHITECTURAL . . . Rilco laminated wood roof supports offer full freedom of expression in structural form and appearance. They blend with any church style, any church concept, in either traditional or contemporary architecture.

ECONOMY . . . Timber construction has historically been recognized as the most economical type of construction. Laminated wood makes possible efficient forms that can be shaped to conform to strength requirements. You're bound to have economy when structural members furnish their own beautiful interior finish. Further economies result from the fast, labor-saving construction with Rilco laminated members. They arrive at the job-site shaped, cut to length, drilled and fabricated for the connection hardware furnished. Costly on-the-job cutting and fitting are eliminated.

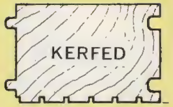
FIRE SAFETY . . . Based on standard fire temperatures of the American Society for Testing Materials, temperature of 1100°F. is reached within six minutes. At this temperature, certain structural metals have less than one-half of their normal tensile strength, and at 1700°F. they will not support the dead weight of the structure. Laminated wood structural members, being of relatively large cross-section, lose their strength only in proportion to the degree of charring under fire temperatures. Penetration tests on wood exposed to standard fire temperatures show that in general, wood chars and burns at the rate of about one inch in depth in thirty-three minutes. This ability not to quickly lose strength under high temperatures allows time to evacuate the building, and for firemen to extinguish the fire and protect the structure.

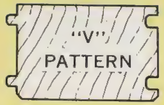
Consulting Service

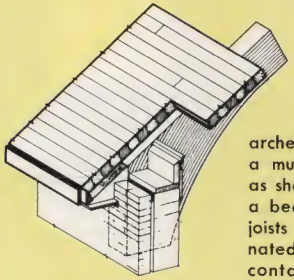
Rilco Service Engineers will gladly consult with you to advise and recommend the type of member best suited to your requirements. They will show you how Rilco laminated wood members can help you build a larger, more attractive structure . . . yet stay within your budget.



RILCO DECK

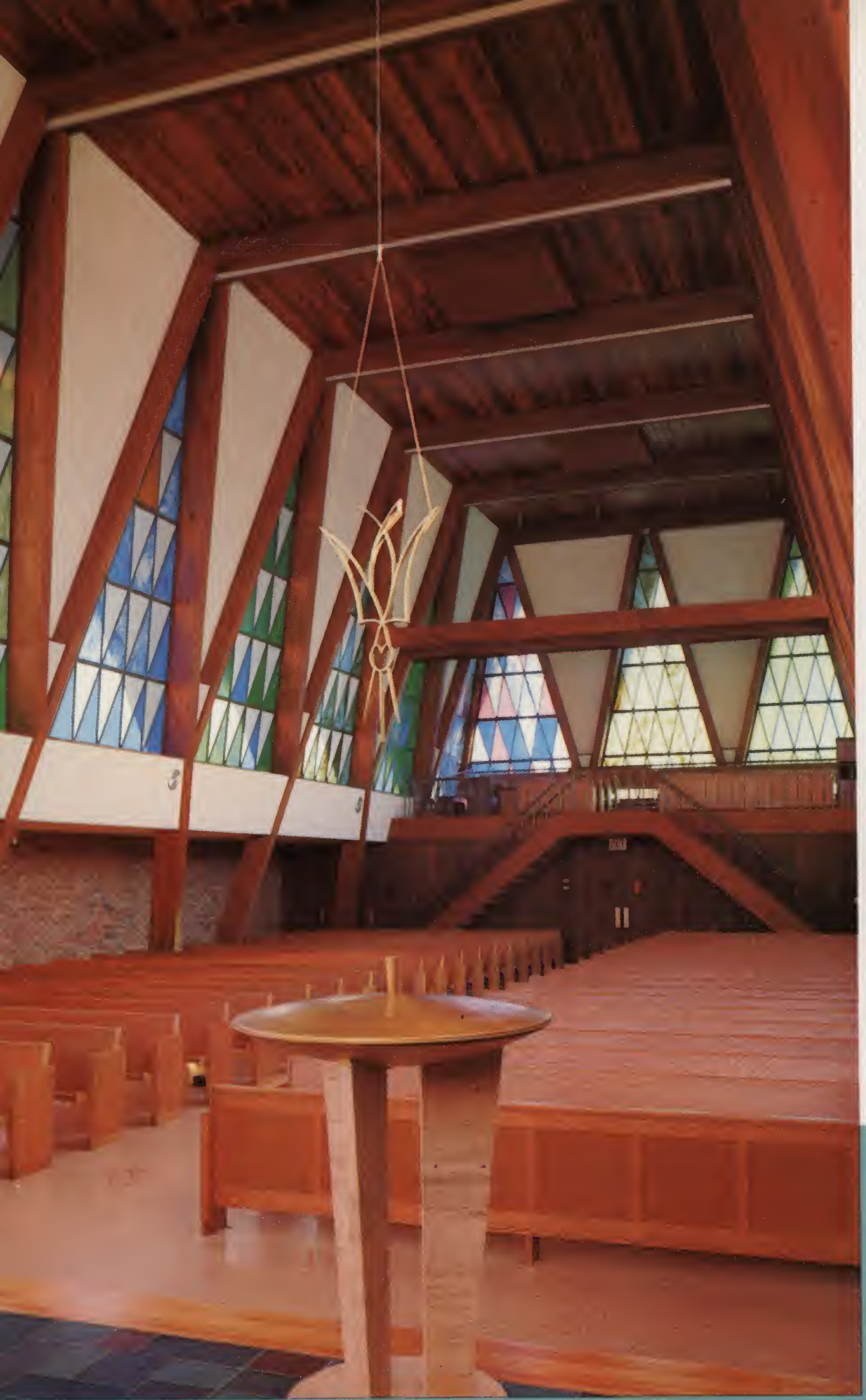






Rilco Deck offers rich, colorful warmth so important to ecclesiastical buildings. Of solid Spruce or Western Red Cedar, it spans across the arches or beams performing a multi-function by serving as sheathing, insulation and a beautiful ceiling. Regular joists or purlins are eliminated. Write for brochure containing specifications, allowable loads, heat transmission coefficients and other data on Rilco Deck.

RIGHT: Rilco Deck spans the 15' spacing of the arches to provide a beautiful ceiling finish in the Edgcumbe Presbyterian Church, St. Paul, Minn.

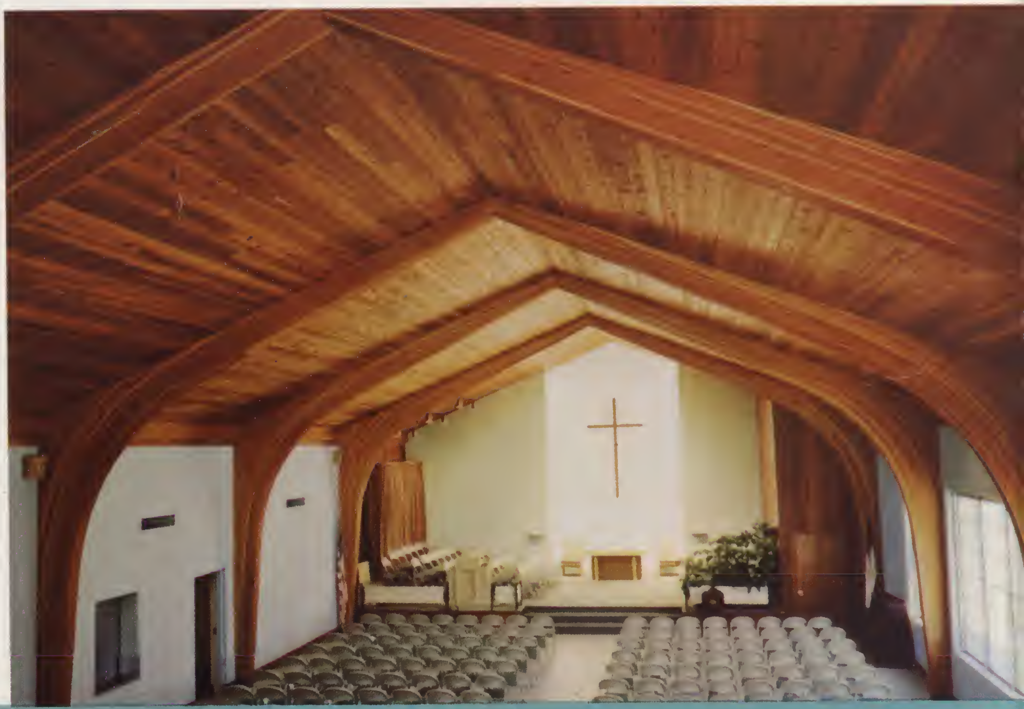


Augustana Lutheran Church

WEST ST. PAUL, MINNESOTA

Architects: Haarstick Lundgren & Associates, AIA

RILCO STRUCTURAL MEMBERS allow unlimited design freedom and enhance the interior with all the warmth and natural beauty of wood to symbolically express reverence and devotion. Augustana Lutheran Church gives eloquent testimony to aesthetic values of modern timber construction and its compatibility with other materials.



First Presbyterian Church

LEESBURG, FLORIDA

Architect: Howell Hapson, Leesburg, Florida

RILCO LAMINATED WOOD ARCHES make the structural framing an integral part of the building. The Douglas Fir arches and deck of Western Red Cedar provide an inspirational atmosphere of unity, fellowship, and reverence.

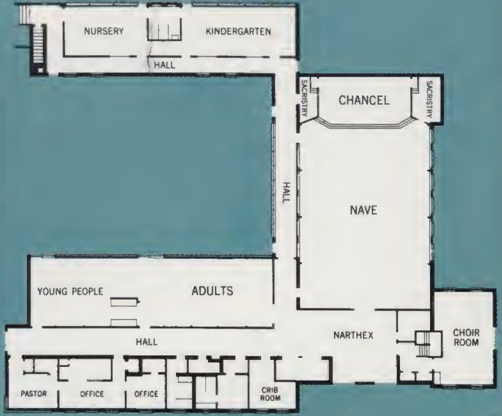
Christ Methodist Church

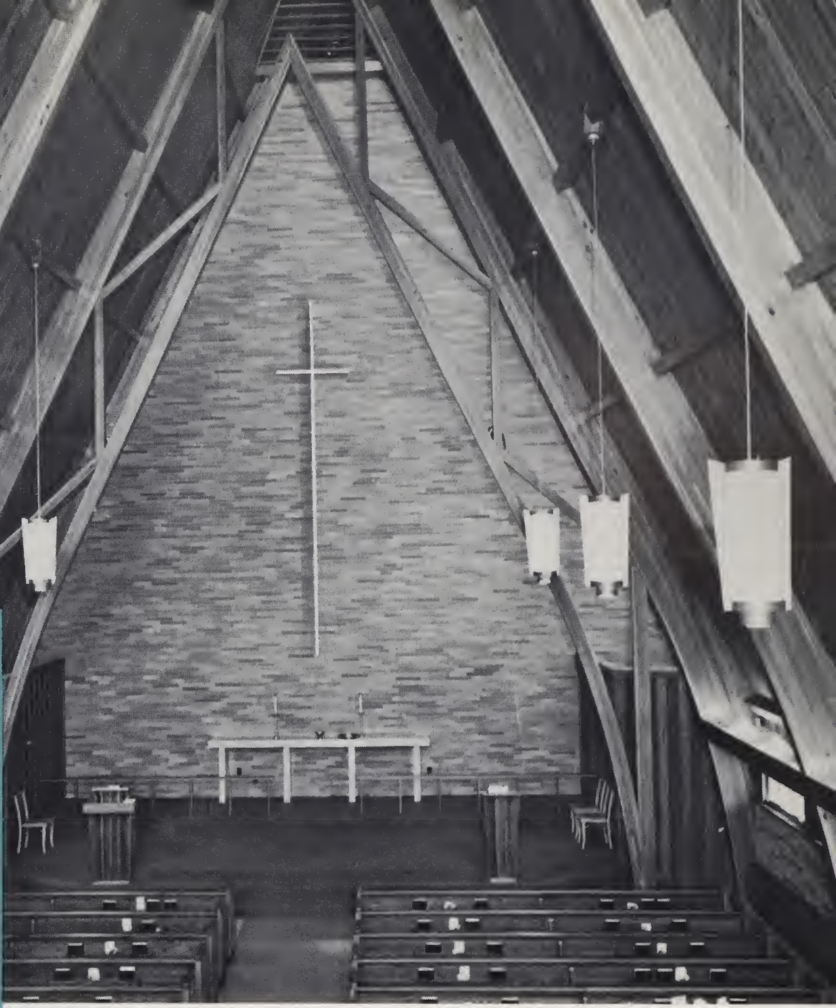
FORT WAYNE, INDIANA

Architects: Martindale & Dahlgren, Fort Wayne, Ind.

IN THE ARCHITECTS' own words Rilco laminated wood arches helped "create a lofty sanctuary without using artificial materials. The arches complemented the other materials, becoming an important part of the overall design. The congregation is very pleased with the final results—and so are we."

Rilco pitched beams and deck establish a warm, friendly atmosphere to the church kindergarten room.





Arches are 40′ in span with a 49′ 2½″ center height. The structural section is 7⅛″ x 22¾″. Note the interesting tracery arch used to separate the chancel from the nave.

LEFT, The spacious open feeling of All Saints Episcopal Church, Portland, Ore. is enhanced by graceful Rilco arches leading to the skylight high at the ridge. Architect: Stuart B. Mockford.

CENTER, Cedar Hill Baptist Church, Cleveland Heights, Ohio. Rilco arches of 7⅛″ x 22′ ⅝″ section are 54′ 2″ in span. Rilco Deck of Western Red Cedar. Architect: Dalton, Dalton & Assoc.

RIGHT, *Arches in Martin Luther* Church, Chicago, Illinois, are 44′-8″ in span. *Architect: Charles E. Stade &* Associates.

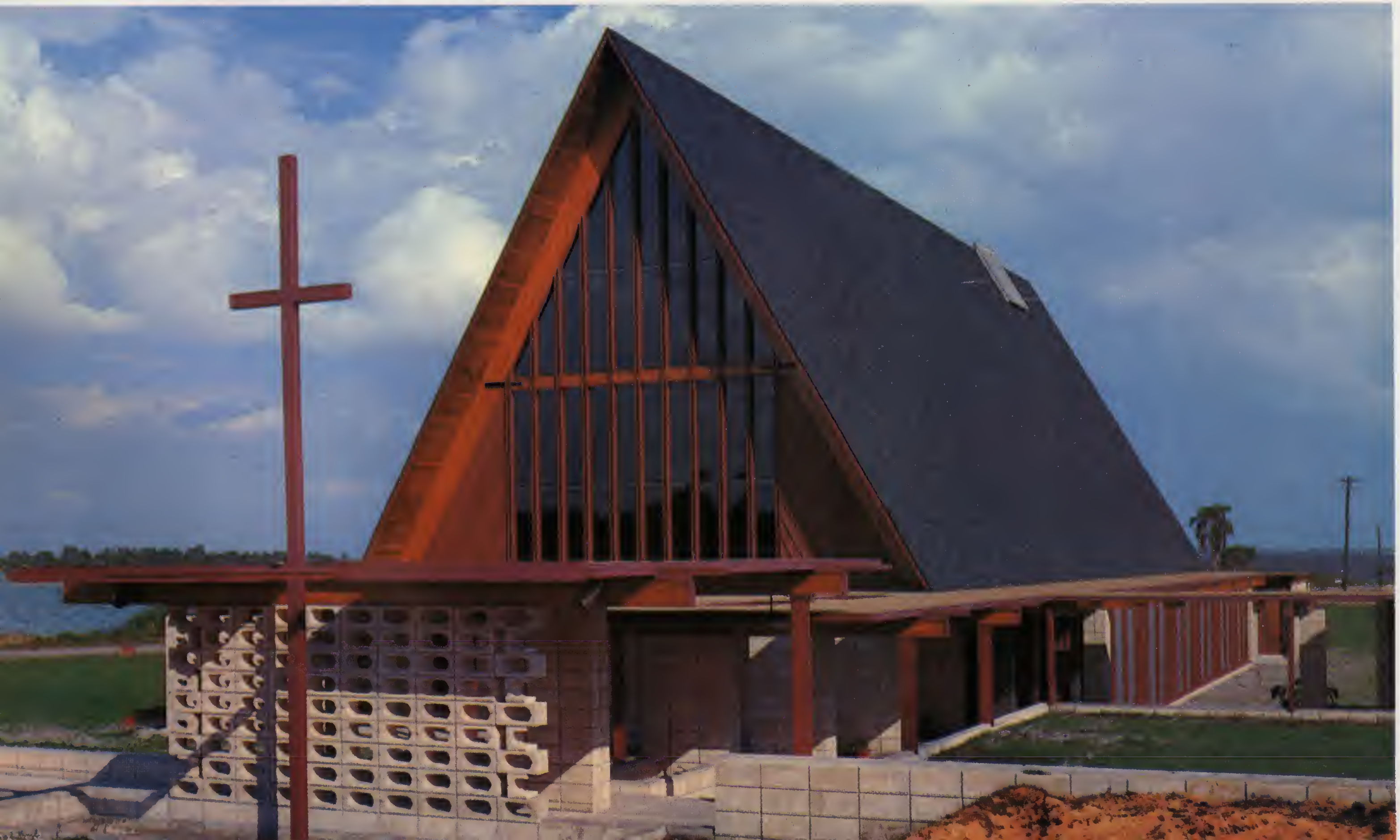
St. Agnes' Episcopal Church

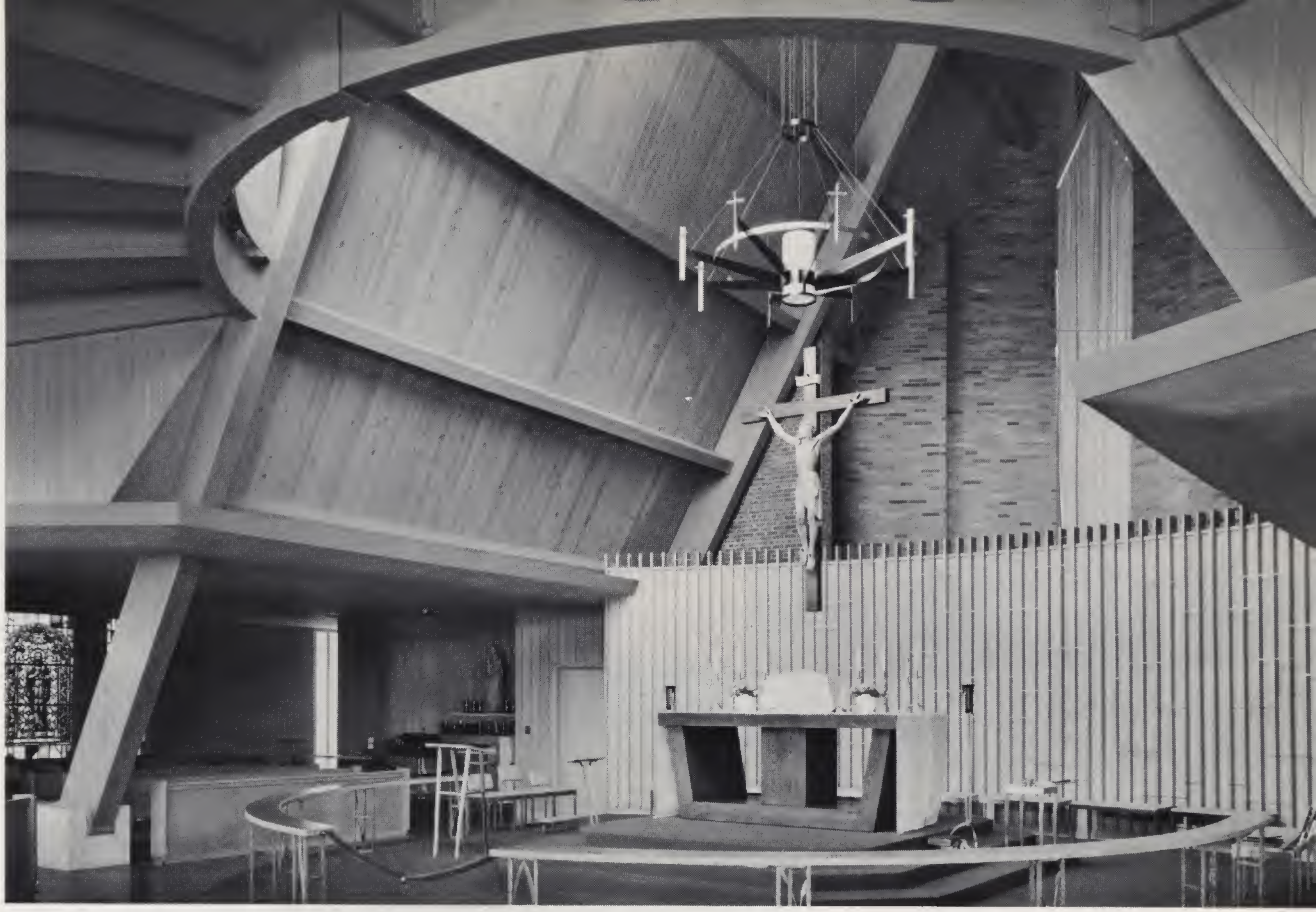
SEBRING, FLORIDA

Architect: A. Wynn Howell, A.I.A., Lakeland, Florida

RILCO STRUCTURAL MEMBERS enabled A. Wynn Howell, A.I.A., to express his "total design concept of organic unity employing a minimum number of building materials."

Ridge Builders, Inc., contractors and engineers, commented, "Rilco material is the most economical way to beautiful architectural effects . . . erection is very simple." "The parish is highly pleased," adds Reverend Stewart, "and visitors have been profuse in their praise of the design, setting, construction and finish."





St. Peter's Catholic Church

DOUGLAS, MICHIGAN

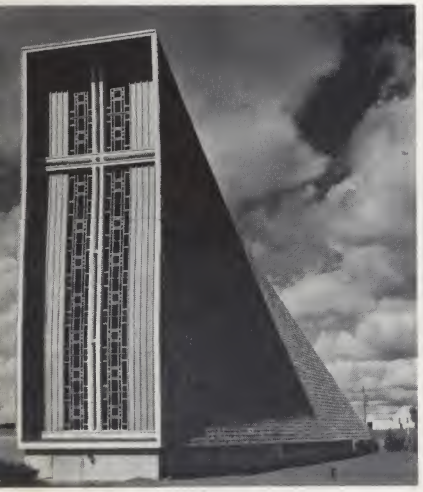
Architect: Harford Field & Associates

THE ARCHITECT and pastor agreed that St. Peter's "should not be limited to the usual rectangular form of church if another shape would centralize the altar more and give a greater sense of participation."

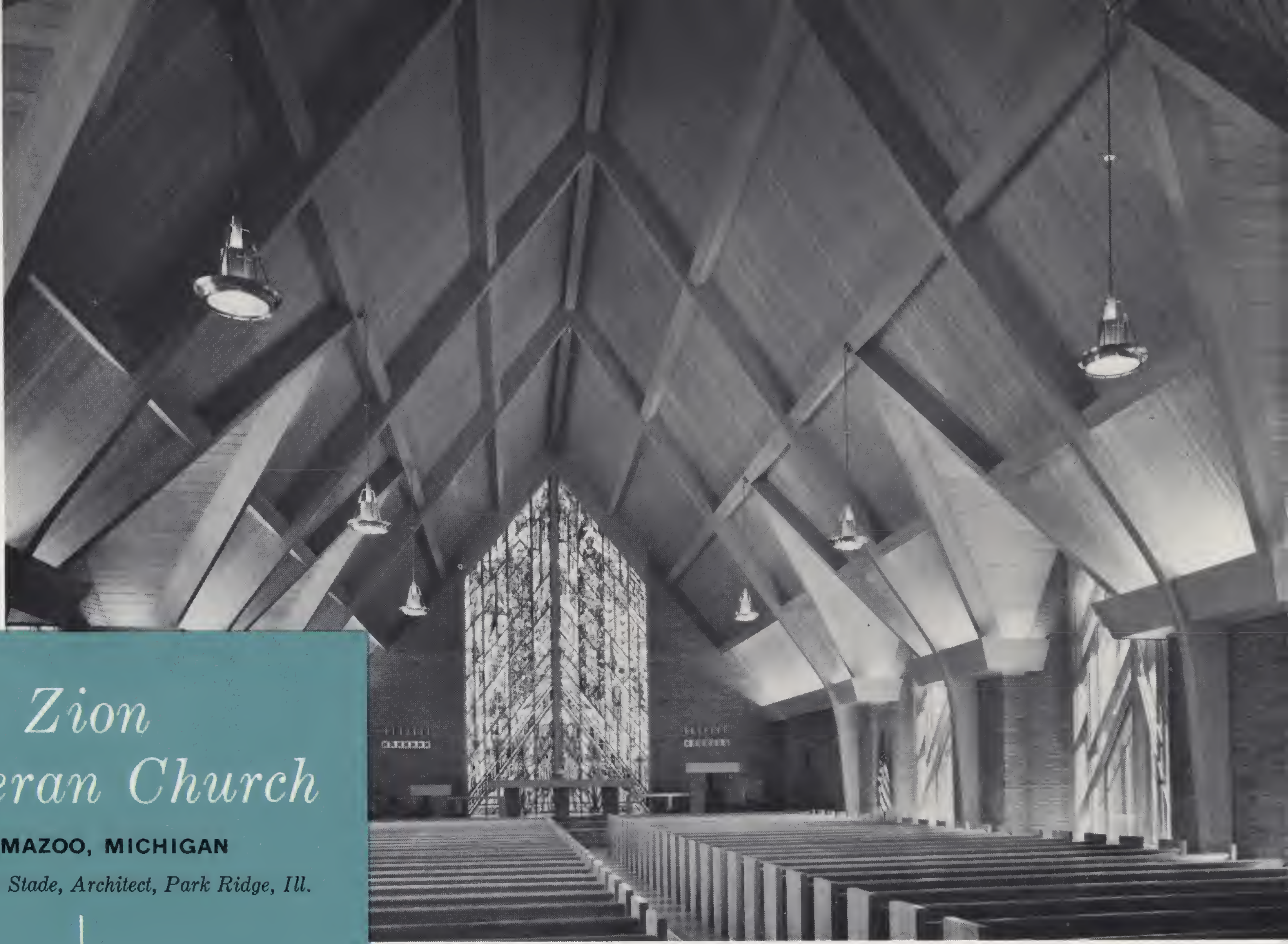
Martin Dyke and Sons, contractors, report "Rilco did a magnificent job of engineering the laminated members for the project. Due to the curves and angles involved in this unusual building design, it obviously was no simple task to coordinate the various members and to make a near perfect fit at all connections. In our opinion the cost would have been much higher if any other material had been used to obtain this design."

The graceful arches in the First Baptist Church, LaJolla, California, are 45′ in span. Architects: Mosher & Drew, A.I.A.

St. Michael's Lutheran Church, Traverse City, Michigan, combines parabolic arches with beams to achieve distinctive design. Architect: Orus O. Eash.



St. Luke's Episcopal Church, Camillus, New York. Architects: Crenshaw & Folley, Syracuse.



Zion Lutheran Church

KALAMAZOO, MICHIGAN

Charles Edward Stade, Architect, Park Ridge, Ill.

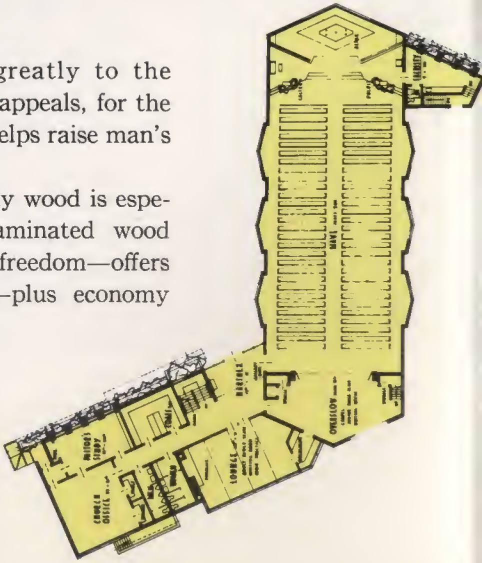
"We were completely happy with the cost, the erection, the appearance and the grade of the Rilco laminated members in this church," writes the architect.

As the church is situated on a high knoll, it is built on two levels. There is no conscious feeling of being in a basement when one is on the lower level.

RILCO ARCHES contributed greatly to the church's functional and aesthetic appeals, for the warmth and symbolism of wood helps raise man's thoughts from himself upward.

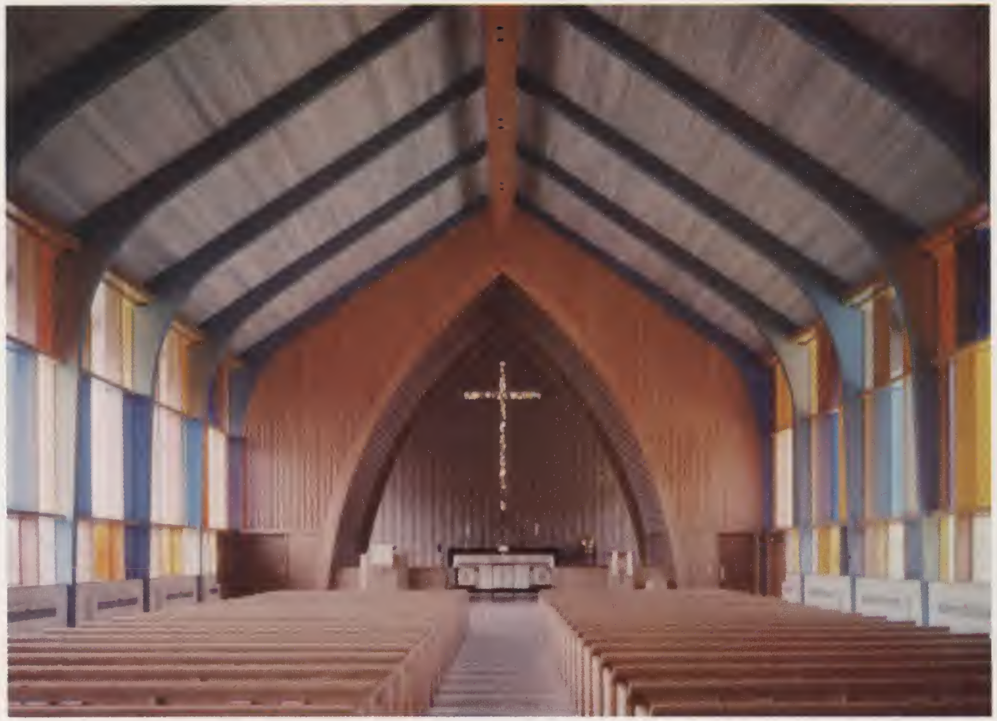
And there are other reasons why wood is especially suitable for churches. Laminated wood allows virtually complete design freedom—offers warmth, friendliness, reverence—plus economy and all-important fire safety.

Rilco arches are 43′ 6″ in span with a 38′ 7¾″ center height. Purlins are 9″ x 13″ and dormer valley beams 7″ x 13″ in section



Christ Lutheran Church
JOHNSTOWN, PENNSYLVANIA
Architects: Kring and Ross, AIA

Rilco arches are 41′-3″ in span with a 20 ft. wall height.



Synagogue and Community Building
WATERLOO, IOWA
Architects: Thorson & Thorson, Waterloo

St. Timothy's Lutheran Church
ST. PAUL, MINNESOTA
Architects: Thorshov & Cerny Associates, Minneapolis

Temple of Aaron
ST. PAUL, MINN.

Architect:
Percival Goodman,
New York City

RILCO laminated wood beams not only helped keep construction costs low, but speeded construction of the St. Joseph Parochial School, McPherson, Kansas. "Beams were raised and bolted in place in one day," reports architect Robert Marr. And Rilco members "give such a warm and cheerful feeling" inside the finished school. Rilco Deck of Western Red Cedar spans the 5¼″ x 17⅞″ x 40′ laminated beams spaced 14′ o.c.

Rilco beams 11″ x 34⅛″ x 77′ provided a quickly erected and inexpensive structural system that serves as its own decoration in the Divine Reedemer Church School, Colorado Springs. Archts: Toll & Milan.

Rilco pitched beams help establish a feeling of quiet reverence in St. Joseph's Church, Yates Center, Kansas. Architects: Shaughnessy, Bower, Gramaldi.

Decorative crownwork enhances the traditional design of St. Paul's Episcopal Church, Minneapolis. Architects: McEnary & Krafft.

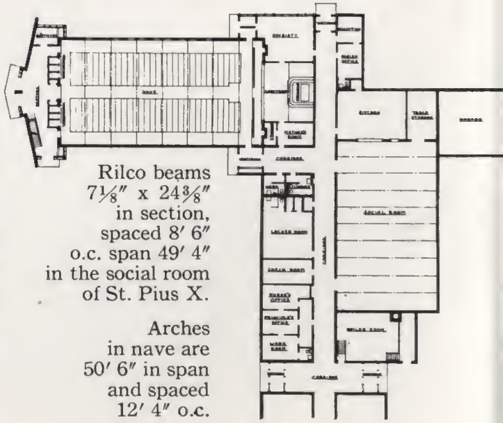
Church of St. Pius X

WHITE BEAR LAKE, MINNESOTA

Eugene V. Schaefer & Associates, Architects

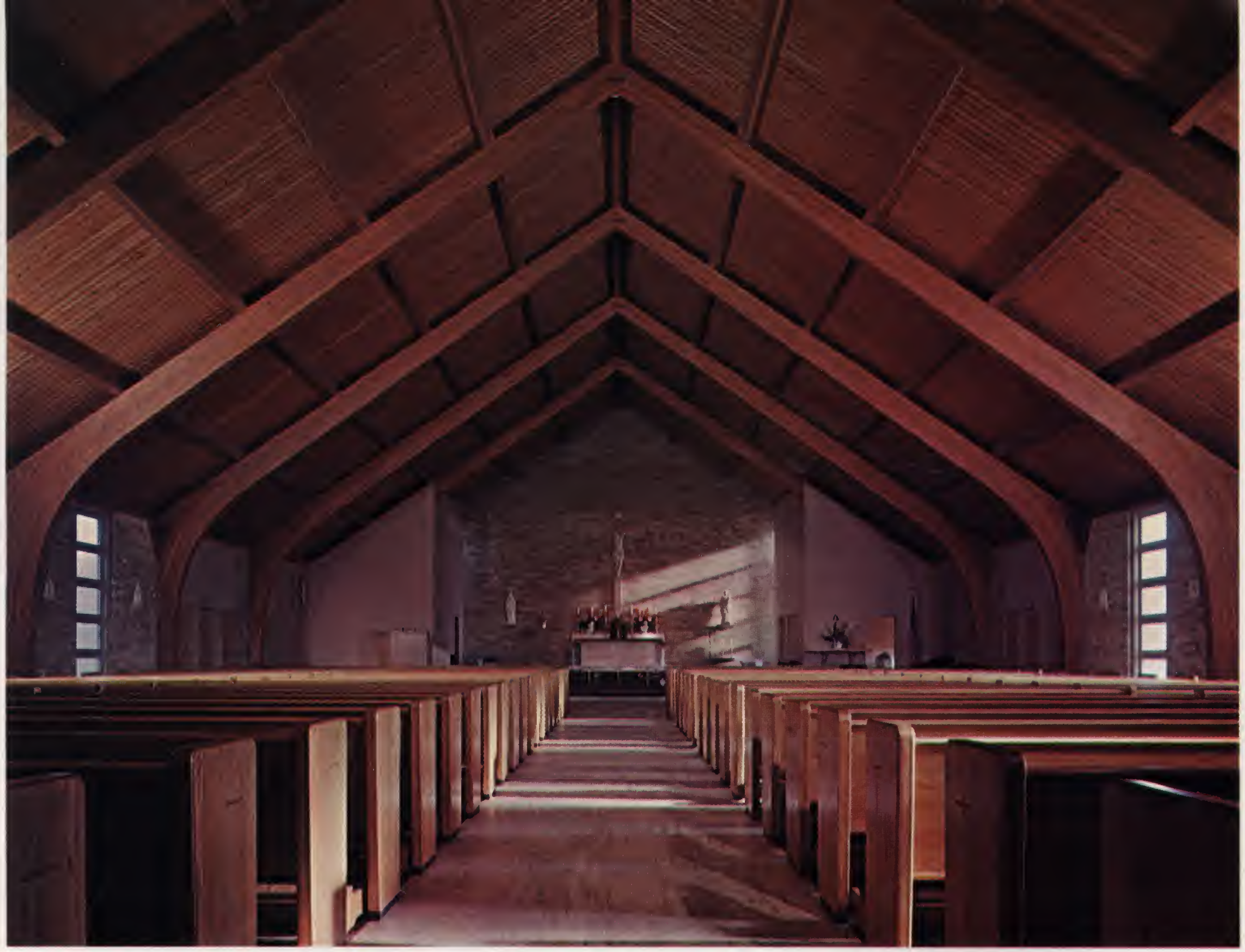
"Many people comment on the beauty of our church."

"WE FEEL the real essence of beauty rests in simplicity of design—and this we achieved with the Rilco laminated members. We were interested first of all in their aesthetic appeal . . . we were pleased with their economy and ease and speed of erection." Like Fr. A. R. Filbin, pastor of this church, you'll find that Rilco arches offer the warm richness of wood plus savings in time and money.

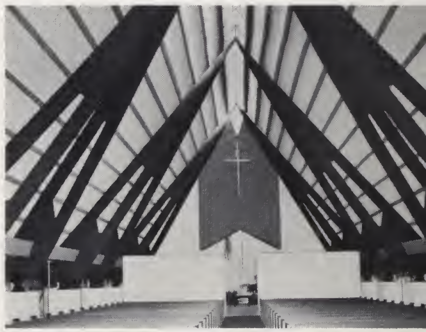


Rilco beams 7⅛″ x 24⅜″ in section, spaced 8′ 6″ o.c. span 49′ 4″ in the social room of St. Pius X.

Arches in nave are 50′ 6″ in span and spaced 12′ 4″ o.c.



Immanuel E & R Church, Shillington, Pennsylvania. Span is 41′-4″ and wall height to knee is 18′-7¼″. Architects: Muhlenberg Brothers.



Grace Episcopal Church, Massapequa, Long Island, New York, constructed with laminated crossing frames. Architects: Slater & Clait, New York City.

Church of St. Therese

ST. PAUL, MINNESOTA

Architects: Bergstedt, Hirsch, Wahlberg & Wold, Inc.

"WE HAVE received so many complimentary words regarding design, simplicity, etc., that it is difficult to enumerate them all. The people like the arches very much. Because there is no sharp angle at the top and the arches go straight up the walls for 11 feet, we have more space and the church looks airy and bright." Pastor W. J. Gibbs can be content that the Church of St. Therese will continue to please his congregation down through the years. For Rilco arches require little maintenance . . . actually mellow and become more beautiful with age.

"I am very pleased with the Rilco laminated arches," writes Fr. Joseph O'Gallagher of Holy Trinity Church, Morrisville, Pa. In this church, the Rilco arches saved 5 months' construction time. Architects: Gleeson & Mulrooney, Philadelphia.

Rilco

works wonders

with

wood

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